BRUHAT BANGALORE MAHANAGARA PALIKE

Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

3rd And Part bill

225

Supplying heavy gauge pvc conduit pipe ...dia...mm thick with suitable size bends, metal Junction boxes adhesive paste etc..,by groove cutting in the wall and fixing by bracing U & J hooks and Cement plasteriing upto the wall surface and run wirh 18 SWG GI fish wire run throughout the conduit where ever necessary. 19/ 20 mm dia 2mm thick

CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		5	30.00					150.00	
		5	30.00					150.00	
		5	30.00					150.00	
		5	30.00					150.00	
		5	30.00					150.00	
		5	30.00					150.00	
		5	30.00					150.00	
		5	30.00					150.00	
		5	30.00					150.00	
		5	30.00					150.00	
		5	30.00					150.00	
		5	30.00					150.00	
		5	30.00					150.00	
		5	10.00					50.00	
						Total Qty Work Done		**2000.00**	**Rmtr**
						Qty Payable in this bill		**2000.00**	**Rmtr**

AEE(P)-2 RRN

CLIKE QUALITY CONSULTANTS ENGINEERS Bangalore

N. [illegible]

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Work: **Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16**

Measurement Sheet

3rd And Part bill

226

Supplying heavy gauge pvc conduit pipe ...dia...mm thick with suitable size bends, metal Junction boxes adhesive paste etc..,by groove cutting in the wall and fixing by bracing U & J hooks and Cement plasteriing upto the wall surface and run wirh 18 SWG GI fish wire run throughout the conduit where ever necessary. 25 mm dia 2mm thick

CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		5	30.00					150.00	
		5	30.00					150.00	
		5	30.00					150.00	
		5	10.00					50.00	
							Total Qty Work Done	**500.00**	**Rmtr**
							Qty Payable in this bill	**500.00**	**Rmtr**

AEE(P)-2 RRN

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

3rd And Part bill

227	

Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low conductor resistance single core wire in open or consealed system of wiring with specified IS-694:1990 & confirming to GTP of Group-A - a) 1.5sqmm

CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	

		1	30.00					30.00		
		1	30.00					30.00		
		1	30.00					30.00		

		1	10.00					10.00	
								Total Qty Work Done	**2500.00**	**Rmtr**
								Qty Payable in this bill	**2500.00**	**Rmtr**

AEE(P)-2 RRN

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS ENGINEERS Bangalore

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

3rd And Part bill

228	

Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of Group-A b) 2.5sqmm

CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00

		1	30.00					30.00		
		1	30.00					30.00		
		1	30.00					30.00		

		1	30.00					30.00		
		1	30.00					30.00		
		1	30.00					30.00		
		1	30.00					30.00		
		1	30.00					30.00		
		1	30.00					30.00		
		1	30.00					30.00		
		1	30.00					30.00		
		1	30.00					30.00		
								Total Qty Work Done	**3000.00**	**Rmtr**
								Qty Payable in this bill	**3000.00**	**Rmtr**

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village In Ward No.16

Measurement Sheet

3rd And Part bill

229	

Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS:694:1990 & confirming to GTP of Group-A c) 4sqmm

CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	

		1	30.00					30.00		
		1	30.00					30.00		
		1	30.00					30.00		

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

3rd And Part bill

230	

Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low conductor resistance single core wire in open or consealed system of wiring with specified IS-694:1990 & confirming to GTP of Group-A f) 6sqmm

CHAINAGE / Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		1	20.00					20.00	
							Total Qty Work Done	**20.00**	**Rmtr**
							Qty Payable in this bill	**20.00**	**Rmtr**

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

AEE(P)-2 RRN

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

3rd And Part bill

	231										
	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.I - Single Door - 8Way SP &N -										
	CHAINAGE Land Mark		**NO**	**L (m)**	**B (m)**	**B1 (m)**	**Avg B (m)**	**D (m)**	**QTY**	**REMARKS**
			5	1.00 ✓						
									5.00	
								Total Qty Work Done	**5.00**	**Each**
								Qty Payable in this bill	**5.00**	**Each**

AEE(P)-2 RRN

CIVIL QUALITY CONSULTANTS ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

3rd And Part bill

232

Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door - 6Way TP & N

CHAINAGE / Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		5	2.00					10.00	
							Total Qty Work Done	**10.00**	**Each**
							Qty Payable in this bill	**10.00**	**Each**

AEE(P)-2 RRN

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

e of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

3rd And Part bill

om lo:	**233**
em me:	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker (ELMCB) 240/450V upto 300mA sensitivity on exisiting wood/panel board - 32- 40 Amps 4 pole

CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		1	1.00					1.00	
									Each
							Total Qty Work Done	1.00	Each
							Qty Payable in this bill	1.00	

AEE(P)-2 RRN

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Item No:	234	3rd And Part bill

Item Name: Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required. confirming to IEC 60898 - 5-32A SP MCB

CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		1	30.00					30.00	
		1	30.00					30.00	
							Total Qty Work Done	60.00	Each
							Qty Payable in this bill	60.00	Each

AEE(P)-2 RRN

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS ENGINEERS Bangalore

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

3rd And Part bill

235

Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required. confirming to IEC 60898 - 5-32AMPS DB MCB

CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		1	10.00					10.00	
							Total Qty Work Done	10.00	Each
							Qty Payable in this bill	10.00	Each

AEE(P)-2 RRN

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

me of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

3rd And Part bill

tem No: **236**

tem ame: Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required. confirming to IEC 60898 - 5-32AMPS TPN MCB

CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		1	10.00					10.00	
									Each
						Total Qty Work Done		10.00	Each
						Qty Payable in this bill		10.00	

AEE(P)-2 RRN

CIVIL QUALITY CONSULTANTS & ENGINEERS

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

3rd And Part bill

255

Supplying erection, testing and commissioning of 3Way 11KV Load Break switch with connected accessories, hardwares etc., suitable for outdoor type complete as per IS standard technical specification. LBS should be approved by BESCOM.

CHAINAGE / Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		1						1.00	
								Total Qty Work Done	**1.00**	**Each**
								Qty Payable in this bill	**1.00**	**Each**

AEE(P)-2 RRN

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

3rd And Part bill

Item No: **256**

Item Name: Supplying erection, testing and commissioning of Load Break switch with 4 wire -(with neutral) metering cubicle and connected accessories, hardwares etc., suitable for outdoor type complete as per IS standard technical specification. LBS should be approved by BESCOM.

CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		1						1.00	
							Total Qty Work Done	1.00	Each
							Qty Payable in this bill	1.00	Each

AEE(P)-2 RRN

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS ENGINEERS Bangalore

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

3rd And Part bill

257	

Supplying, erection, testing and commissioning100KVA Capacity Copper wound distribution transformer 11KV/433V with Off Load Tap Switch, Buchholtz relay winding temperature indicator, oil temperature indicator, marshalling box with wiring, magnetic oil level indicator with +5% to -10% steps of 2.5% with HT and LT cable end boxes including all standard accessories as per latest IS standard technical specification.

CHAINAGE / Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		1						1.00	
								Total Qty Work Done	**1.00**	**Each**
								Qty Payable in this bill	**1.00**	**Each**

AEE(P)-2 RRN

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned by TapScanner